

**Abstract of the Invention**

The present invention provides a method for making glycoside compounds including the steps of: (a) lithiating an aromatic reactant having a leaving group  
5 using a lithium reagent in a first microreactor under non-cryogenic conditions to form a lithiated anion species, and (b) coupling the lithiated anion species with a carbonyl substituted reactant to form a glycoside.